

BHC SERIES (1P/2P 20-40 FLA)


- 1 Pole NO or 2 Pole NO
- Silver Cadmium Oxide Contacts
- Selectable Current: 20A ,25A ,30A ,40A
- Selectable Coil Voltage: 24VAC, 120VAC, 208-240VAC, 277VAC

Partial Listing of Available 1 & 2 Pole Contactors

FLA Rating	Number of Pole	24V Coil	120V Coil	208/240V Coil	277V Coil
20 FLA	1	BHC-1A-20-24	BHC-1A-20-120	BHC-1A-20-240	BHC-1A-20-277
	2	BHC-2A-20-24	BHC-2A-20-120	BHC-2A-20-240	BHC-2A-20-277
25 FLA	1	BHC-1A-25-24	BHC-1A-25-120	BHC-1A-25-240	BHC-1A-25-277
	2	BHC-2A-25-24	BHC-2A-25-120	BHC-2A-25-240	BHC-2A-25-277
30 FLA	1	BHC-1A-30-24	BHC-1A-30-120	BHC-1A-30-240	BHC-1A-30-277
	2	BHC-2A-30-24	BHC-2A-30-120	BHC-2A-30-240	BHC-2A-30-277
40 FLA	1	BHC-1A-40-24D	BHC-1A-40-120D	BHC-1A-40-240D	BHC-1A-40-277D
	2	BHC-2A-40-24D	BHC-2A-40-120D	BHC-2A-40-240D	BHC-2A-40-277D

INITIAL DIELECTRIC STRENGTH

Between Contacts & Coils: 2200VAC

Between Poles: 2200VAC(includes shunt)

Between Open Contacts: 2200VAC(no shunt)

ARC COVER

Optional on 20-30 FLA

Standard on 40 FLA

INSULATION SYSTEM

130°C Class B

TEMPERATURE RANGE

-40°C to +65°C

-40° F to +150° F

UNIT WEIGHT

1 Pole 0.23Kg

2 Pole 0.27Kg

POWER POLE TERMINATIONS

Screw or Box Lug

WIRE SIZE

Screw 16-8

Box Lug 14-4

RECOMMENDED TIGHTENING TORQUE

Screw 25 in.lbs

Box Lug 40 in.lbs

QUICK CONNECTS

Coil terminals Dual: .250"QC

Power terminals 1 Pole: Quad . 250"QC

2 Pole: Qual or Quad . 250"QC

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Coil Rating	1 Pole Contactors				2 Pole Contactors			
	24	120	208/240	277	24	120	208/240	277
Nominal Coil Voltage								
Nominal Coil Resistance Ohms	18	420	1800	2500	11	237	1000	1600
Maximum Pick Up Voltage	18	88	177	221	18	88	177	221
Minimum Drop Out Voltage	6-15	20-70	40-140	50-165	6-15	20-70	40-140	50-165
Nominal Inrush VA @ 50Hz	31	31	31	31	33	33	33	33
Nominal Inrush VA @ 60Hz	28	28	28	28	30	30	30	30
Nominal Sealed VA @ 50Hz	6	6	6	6	8	8	8	8
Nominal Sealed VA @ 60Hz	5	5	5	5	6.5	6.5	6.5	6.5
Maximum Coil Voltage	30	132	264	300	30	132	264	300

Electrical Rating

Full Load Amps	Resistive Amps @ 600 VAC	Locked Rotor Amps @ 240/277 VAC	Locked Rotor Amps @ 480 VAC	Locked Rotor Amps @ 600 VAC	Maximum Horsepower Voltage	Single Phase
1 Pole Contactors						
20	30	120	100	80	120	1
					140	2
25	35	150	125	100	120	1
					140	2
30	40	150	125	100	120	1
					140	2
40	50	200	180	120	120	1
					140	2
2 Pole Contactors						
20	30	120	100	80	120	2
					140	3
25	35	150	125	100	120	2
					140	3
30	40	150	125	100	120	2
					140	3
40	50	200	160	120	120	2
					140	3

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Ordering Information

BHC - 1A - 20 - 024 D M

OPTIONAL COVER:

FLA

TERMINATION:

D #10-32 combo screw with quad QC (20-30 FLA)

Blank #14-4 lug with quad QC (40 FLA)

COIL VOLTAGE:

024-24VAC;120-120VAC;208-208VAC;240-240VAC;277-277VAC

CONTACT RATING:

20-20FLA;25-25FLA;30-30FLA;40-40FLA

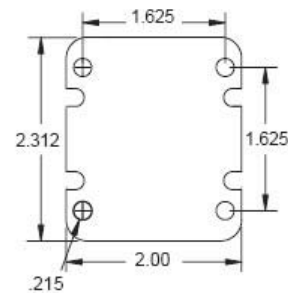
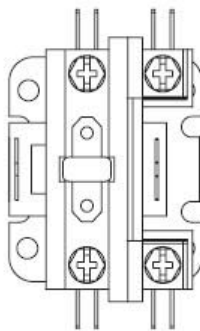
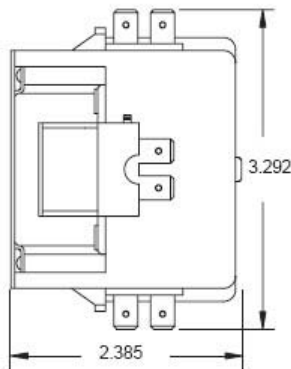
POLE FORM:

1A-1P NO;2A-2P NO;3A-3P NO;4A-4P NO

SERIES:

BHC

1 Pole Dimensions (Inches)



2 Pole Dimensions (Inches)

